

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/AU2004/000750

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> Int. Cl. <sup>7</sup> : C02F 001/76,C25B 001/26 According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI IPC C02F 001/76,C25B 001/26 and keywords Hydrogen or explo+		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Derwent Abstract Accession No. 2000-175522/16 Class D15 JP 2000-024670 A (SANDEN CORP.) 7 May 1998. See abstract	1,5-20
A	Derwent Abstract Accession No 2002- 377827/41 Class D15,E36,J03 JP 2002- 069683 A (CHLORINE ENGINEERS KK) 8 March 2002	
A	US 6468412 B (BRYAN ) 22 October 20002	
<input type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 6 July 2004		Date of mailing of the international search report 29 JUL 2004
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929		Authorized officer G. CARTER Telephone No : (02) 6283 2154

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/000750

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member	
JP	2000024670	JP	2000042559
JP	2002069683	SG	77684
US	6468412	US	2002108865
US	6267855		

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX